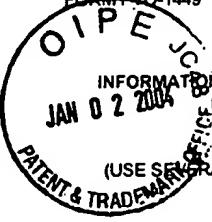


FORM PTO-1449 O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT JAN 02 2004 PATENT & TRADEMARK OFFICE		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 5051-338CT	APPLICATION NO. 09/021,286 09/463,340
		APPLICANT Conkling et al.		
		FILING DATE 10-February-1998 September 24, 2001	GROUP 1638	
(USE SEVERAL SHEETS IF NECESSARY)				

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	3 6,271,031	08/07/01	Falco et al.			08/09/99	
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	10 6,022,863	02/08/00	Peyman				
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*EXAMINER: INITIAL IF CITATION CONSIDERED, WHETHER OR NOT CITATION IS IN CONFORMANCE WITH MPEP 609; DRAW LINE THROUGH CITATION IF NOT IN CONFORMANCE AND NOT CONSIDERED. INCLUDE COPY OF THIS FORM WITH NEXT COMMUNICATION TO APPLICANT.	

 <p>U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE</p>	ATTY. DOCKET NO. 5051-338	APPLICATION NO. 09/021,286
	APPLICANT Conkling et al.	
	FILING DATE 10 February 1998	GROUP 1638

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/Russell Kallis/

SHEET 3 OF 8

FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 5051-338	APPLICATION NO. 09/021,286
O I P E INFORMATION DISCLOSURE STATEMENT BY APPLICANT JAN 02 2004 (USE SEVERAL SHEETS IF NECESSARY)		APPLICANT Conkling et al.	
		FILING DATE 10 February 1998	GROUP 1638

U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE (IF APPROPRIATE)	
RK	54	4,693,976	Schilperoort				

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EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
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RK	55	0 116 718 A1	29.08.84	European Patent Office			
	56	0 120 515 A2	03.10.84	European Patent Office			
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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. 5051-338	APPLICATION NO. 09/021,286
<p style="text-align: center;">O I P INFORMATION DISCLOSURE STATEMENT BY APPLICANT JAN 02 2004 (USE SEVERAL SHEETS IF NECESSARY)</p>			APPLICANT Conkling et al.	
			FILING DATE 10 February 1998	GROUP 1638

FOREIGN PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
RK	77	0 290 799 A3	17.11.88	European Patent Office				
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		APPLICANT Conkling et al.	
		FILING DATE 10 February 1998	GROUP 1638

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
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FORM PTO-1449 O I P INFORMATION DISCLOSURE STATEMENT BY APPLICANT JAN 02 2004 (USE SEVERAL SHEETS IF NECESSARY)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 5051-338	APPLICATION NO. 09/021,286
		APPLICANT Conkling et al.	
		FILING DATE 10 February 1998	GROUP 1638

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTY. DOCKET NO. 5051-338	APPLICATION NO. 09/021,286
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		FILING DATE 10 February 1998	GROUP 1638

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FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>O P E JCA</i> JAN 02 2004 (USE SEVERAL SHEETS IF NECESSARY)	ATTY. DOCKET NO. 5051-338	APPLICATION NO. 09/021,286
	APPLICANT Conkling et al.	
	FILING DATE 10 February 1998	GROUP 1638

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Substitute form 1449A/PTO		Complete if Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <small>(use as many sheets as necessary)</small>		Application Number	09/963,340
		Filing Date	September 24, 2001
		First Named Inventor	Conkling et al.
		Group Art Unit	1639
		Examiner Name	Kallis
Sheet	C1	of	Attorney Docket Number
		5051-338CT	

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OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T
RK	3	European Search Report Application No. 04004192.3, September 17, 2004	
RK	4	European Search Report Application No. 04004191.5, September 17, 2004	

Examiner Signature	/Russell Kallis/	Date Considered 07/10/2006
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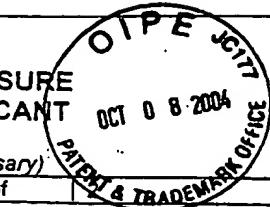
*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

1



Complete if Known

Application Number	To Be Assigned
Filing Date	September 21, 2001
First Named Inventor	Mark A. Conkling
Group Art Unit	
Examiner Name	

Attorney Docket Number 5051.338CT

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
RK	1	5,107,065		Shewmaker et al.	4/21/92
	2	5,254,800		Bird et al.	10/19/93
	3	5,260,205		Nakatani et al.	11/9/93
	4	5,356,799		Fabijanski et al.	10/18/94
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	6	5,369,023		Nakatani et al.	11/29/94
	7	5,451,514		Boudet et al.	9/19/95
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		Office	Number	Kind Code (if known)	
	11	WO 00/67558		PCT	
	12	WO 93/0546		PCT	
	13	WO 94/28142		PCT	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	
RK	14	Burtin, D., et al., <i>Over expression of Arginine Decarboxylase in Transgenic Plants</i> , <i>Biochem. J.</i> , Vol. 325 (Part 2), pp. 331-337 (1997).	
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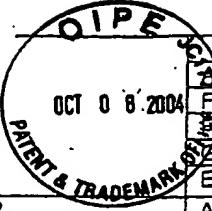
Examiner Signature

/Russell Kallis/

Date Considered

07/10/2006

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute form 1449A/PTO			 Complete if Known	
			Application Number	To Be Assigned
			Filing Date	September 21, 2001
			First Named Inventor	Mark A. Conkling
			Group Art Unit	
			Examiner Name	
			Attorney Docket Number	5051.338CT
Sheet 1 of 2				
Examiner Initials*	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published		
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Substitute form 1449AVTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet D1 of D1

Substitute form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	09/963,340
				Filing Date	September 24, 2001
				First Named Inventor	Conkling et al.
				Group Art Unit	1639
				Examiner Name	Kallis
Sheet	D1	of	D1	Attorney Docket Number	5051-338CT

U.S. PATENTS AND PATENT PUBLICATIONS

FOREIGN PATENT DOCUMENTS

OTHER NON PATENT LITERATURE DOCUMENTS

Examiner Signature	/Russell Kallis/	Date Considered 07/10/2006	
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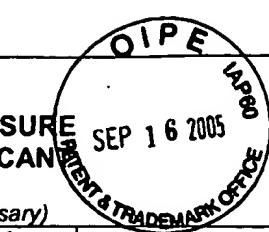
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

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				Complete if Known
Application Number	09/963,340			
Filing Date	September 24, 2001			
First Named Inventor	Mark Conkling			
Group Art Unit	1638			
Examiner Name	Russell Kallis			
Attorney Docket Number	5051.338CT			

Sheet

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Examiner Initials*	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code (if known)		
RK	1.	4,751,348		Russell et al.	06/14/1988
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				Group Art Unit	1638
				Examiner Name	Russell Kallis
Sheet	2	of	5	Attorney Docket Number	5051.338CT

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Sheet	3	of	5	Attorney Docket Number



Application Number	09/963,340
Filing Date	September 24, 2001
First Named Inventor	Mark Conkling
Group Art Unit	1638
Examiner Name	Russell Kallis
Attorney Docket Number	5051.338CT

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Application Number	09/963,340			
Filing Date	September 24, 2001			
First Named Inventor	Mark Conkling			
Group Art Unit	1638			
Examiner Name	Russell Kallis			
Attorney Docket Number	5051.338CT			

Sheet

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of

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Examiner Signature

/Russell Kallis/

Date Considered

07/10/2006

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**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	5	of	5	Complete if Known
				Application Number 09/963,340
				Filing Date September 24, 2001
				First Named Inventor Mark Conkling
				Group Art Unit 1638
				Examiner Name Russell Kallis
				Attorney Docket Number 5051.338CT

RK	112.	Yamamoto et al. "Root-Specific Genes from Tobacco and <i>Arabidopsis</i> homologous to an Evolutionary Conserved Gene Family of Membrane Channel Proteins" <i>Nucleic Acids Research</i> 18:7449 (1990)	
RK	113.	Yamamoto et al. (1991) Characterization of <i>cis</i> -acting sequences regulating root-specific gene expression in tobacco. <i>Plant Cell</i> 3(4):371-382.	
RK	114.	Yia-Herttuala et al. "Cardiovascular Gene Therapy" <i>The Lancet</i> 355:213-222 (January 15, 2000).	

Examiner Signature	/Russell Kallis/	Date Considered 07/10/2006	
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